

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT

8515 OPA

(9)

**I. HEADING**

**DATE:** 6/30/98  
**SUBJECT:** Naples Truck Stop Removal Action, Vernal, UT  
**FROM:** H. Hays Griswold, OSC Phone: (303) 312-6809  
**TO:** Director, ERD  
**POLREP No.:** POLREP 59

**II. BACKGROUND**

**SITE No.:** 43P808L008  
**Case No.:** U940169  
**FPN No.:** 114009  
**D.O. No.:** NA  
**Response Agency:** EPA Region VIII  
**Address:** 999 18th Street, Suite 500  
Denver, CO 80202  
**Response Authority:** CWA, OPA (1990)  
**Party Conducting Action:** EPA (PRFA w/USACE)  
**ERNS No.:** U940169  
**NPL Status:** NA  
**State Notification:** State requested EPA action  
**Action Memorandum Status:** NA  
**Start Date:** February 22, 1994  
**Demobilization Date:** NA  
**Completion Date:** To Be Determined

**III. SITE INFORMATION**

**A. Incident Category**

The incident occurred at an active facility - a Service Station/Truck Stop/Petroleum Bulk Distributor.

**B. Site Description**

**1. Site Description**

No change from previous Polreps.

**2. Description of Threat**

No change.

### **C. Site Evaluation Results**

Monthly groundwater sampling from **fourteen** of the sixteen existing monitoring wells continues to indicate detectable levels of hydrocarbon contamination within **ten** of the tested wells. A maximum concentration of **27 mg/l** hydrocarbons as gasoline was detected from monitoring well No. MW10 located in the center of the suspected plume of groundwater contamination. This level of contamination is **lower** than the **33 mg/l** value detected in **May** within the same well. Water analysis was performed for gasoline/BTEX by EPA test methods M8015V and SW8020.

## **IV. RESPONSE INFORMATION**

### **A. Situation**

<b>Date of Notification:</b>	2/08/94
<b>Date of Discovery:</b>	11/01/93
<b>Date Action Started:</b>	2/15/94
<b>Material Involved:</b>	Unleaded Gasoline
<b>Quantity Discharged:</b>	7000 + gallons
<b>Substantial Threat:</b>	Yes
<b>Resource Affected:</b>	Unnamed tributary to Ashley Creek, tributary to Green River
<b>Source Identification:</b>	Naples Truck Stop

#### **1. Removal Actions to Date**

Groundwater monitoring wells were sampled on **1 June 1998**, while extraction system was in operation. Treated groundwater was discharged into the POTW.

#### **2. Enforcement**

No change from previous Polreps.

### **B. Planned Removal Actions**

Continue scheduled system shutdown throughout this reporting period, and sample from the groundwater monitoring wells unless notified otherwise by USACE/EPA.

### **C. Next Steps**

Continue to monitor the groundwater monitoring wells **and discharge to POTW**. Sample the groundwater monitoring wells in **July 1998**. Continue monthly sampling and analysis of soil vapor samples at the exhaust of the water treatment system, groundwater monitoring wells, and effluent to POTW water samples to ensure water can be directly discharged to POTW without treatment.

#### **D. Key Issues**

Table 1 shows preliminary results of water sampling from the monitoring wells for **June 1998** and final results for **May 1998**.

<b>Table 1- Hydrocarbon Concentrations (as Gasoline)</b>		
<b>Well No.</b>	<b>TPH Concentration in May 1998 (mg/l)</b>	<b>TPH Concentration in June 1998 (mg/l)</b>
MW01	ND	0.053 J
MW02	1.9	1.8
MW03	ND	0.042 J
MW04	1.0	1.4
MW06	ND	0.05 J
MW08	2.2	1
MW09	0.92	0.88
MW10	33	27
MW14	ND	ND
MW15	ND	ND
VMP01	ND	ND
VMP02	8.3	4.5
NGMW01	ND	0.031 J
NGMW06	ND	ND

Note: J indicates that the result is an estimated value

## V. COST INFORMATION

Project Ceiling ..... \$ 2,350,000.00

	<u>Costs to Date</u>	<u>Ceiling</u>
<u>Extramural</u>		
TAT	\$ 60,000	\$ 70,000
USACE (Omaha)	\$ 850,000	\$ 1,300,000
USACE (Sacramento)	\$1,159,847	\$ 1,366,929
<u>Intramural</u>		
Direct Reimbursable	\$ 9,000	\$ 30,000
Direct Recoverable	\$ 9,000	

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report is written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

### REMOVAL CONTINUES:

H. Hays Griswold, OSC

1500 hrs, June 30, 1998

c: Rich Haavisto, USACE-Sacramento  
Larry Leahy, USACE-Omaha  
Mike Sajadi, JEG

Al Meyers, IT Corp.  
Renee Zollinger, Kleinfelder



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**REGION VIII**

**999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466**

**ADDENDUM TO POLREP 59**

Plans are underway to implement a new technology that will bring the pump and treat system to a conclusion yet still ensure continued cleanup of the site. The requested ceiling increase of \$300,000 will be used to terminate the pump and treatment system and install and implement the new cleanup technology.

A cleanup technology assessment of the site by the EPA Environmental Response Team has determined that the site is an ideal candidate for phytoremediation.

EPA will plant trees (a poplar) in strategic locations that will intercept the groundwater and eliminate the contamination. The technology has been proven in several locations.

A geoprobe investigation of the site over a year ago designed to look for a potential new source determined that there was no new source but, there was still significant amounts of gasoline, even in free product form, trapped in the soil above the groundwater table in the immediate vicinity of the truck stop. This free product will continue to migrate to groundwater which would necessitate the pump and treat system operating into the distant future.

This new technology will allow us to continue the cleanup, effectively cleanup the groundwater, and discontinue and dismantle the pump and treat system. Once the trees are established after one season they will continue to "treat" the groundwater. Once established the system of trees (treatment system) is self sustaining and EPA can terminate involvement in the site.

The schedule is to plant the trees this fall, monitor their progress and effectiveness closely for a full growing season (spring to fall next year), observe their status that following spring and terminate EPA involvement.

*Atty. General, OSC  
Region 8 Emerg. Resp.*



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\*\*\* TX REPORT \*\*\*  
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TRANSMISSION OK

TX/RX NO	4592
CONNECTION TEL	85104372961
CONNECTION ID	USCG 11th DISTRI
ST. TIME	08/06 15:15
USAGE T	01'54
PGS.	6
RESULT	OK



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

TELEFAX COVER SHEETDATE: 8/6/98TO: Lt Cmdr. John Coster MAIL CODE: \_\_\_\_\_AGENCY/FIRM USCGCITY: Alameda STATE: CATELEFAX NUMBER: 510-437-2961NUMBER OF PAGES (INCLUDING COVER SHEET): 6FROM: Hays Griswold, OSC  
RE: Naples Truck Stop FPN # 114009

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
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TRANSMISSION OK

TX/RX NO	4597
CONNECTION TEL	87032354837
CONNECTION ID	NATIONAL POLL FU
ST. TIME	08/06 16:27
USAGE T	02'08
PGS.	7
RESULT	OK



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

**TELEFAX COVER SHEET**

DATE: 8/6/98

TO: Carl Moberg MAIL CODE: \_\_\_\_\_

AGENCY/FIRM USCG

CITY: Arlington STATE: VA

TELEFAX NUMBER: 703-235-4837

NUMBER OF PAGES (INCLUDING COVER SHEET): 7

FROM: Hays Griswald



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

**TELEFAX COVER SHEET**

DATE: 8/6/98

TO: Carl Moborg MAIL CODE: \_\_\_\_\_

AGENCY/FIRM USCG

CITY: Arlington STATE: VA

TELEFAX NUMBER: 703-235-4837

NUMBER OF PAGES (INCLUDING COVER SHEET): ~~6~~ 7

FROM: Hays Griswald

REMARKS: See attached

If you have a problem receiving this fax, please contact: \_\_\_\_\_



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

**TELEFAX COVER SHEET**

DATE:

8/6/98

TO: Lt. Cmdr. John Coster

MAIL CODE: \_\_\_\_\_

AGENCY/FIRM USCG

CITY: Alameda STATE: CA

TELEFAX NUMBER: 510-437-2961

NUMBER OF PAGES (INCLUDING COVER SHEET): 6

FROM: Hays Griswold, OSC

RE: Naples Truck Stop FPN # 114009

REMARKS: This FAX is a request for a ceiling increase of \$300,000 for the continuation and conclusion of the Naples Truck Stop Removal Action.  
Ceiling increase from \$3.10M To \$3.40M

If you have a problem receiving this fax, please contact: \_\_\_\_\_

Phone 303-312-6809

FAX 303-312-6962

See Attached polyp  
& attachment, addendum.



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**JACOBS ENGINEERING**

July 20, 1998

Transmittal  
Tr# 98U007

TO: Mr. Rich Haavisto  
Technical Manager  
U.S. Corps of Engineers  
Environmental Engineering Branch  
1325 J Street, 12th floor  
Sacramento, CA. 95814-2922

FROM: Mike Sajadi *MS*  
Project Manager  
Jacobs Engineering Group  
2525 Natomas Park Drive, Suite 370  
Sacramento, CA 95833

RECEIVED

93 JUL 30 PM 12:18

U.S. EPA. REGION VIII  
EMERGENCY RESPONSE BRANCH

ON: Contract No. DACA05-92-D-0040, Delivery Order 15  
JEG Project No. 27-H103-15 Vernal, Utah - Vernal Naples Truck Stop

ATTACHED ARE 1 ENCLOSURES 1 COPY OF EACH RELEASED FOR:CONSTRUCTION                      PURCHASE                      APPROVAL                     FABRICATION                      DESIGN                      YOUR FILE                     X                    

ENCL NO.	DRAWING OR SPEC NUMBER	REV.	DESCRIPTION	DATE
1.		0	POLREP #59/JE #40	20 Jul 98

## REMARKS:

	<u>Kleinfelder</u>	<u>IT Corp</u>
<u>Jacobs</u>	R. Zollinger (S.L.C.)	A. Meyers (Ohio)
D. Christensen *		
R. Hergenrader *	<u>USACE</u>	<u>EPA</u>
K. Poquette*		
M. Sajadi	L. Leahy (Omaha)	H. Griswold
Project Files	R. Haavisto (Sac)	
Contract Files*		

\* Transmittal Only